**CLAIMS:**

What is claimed is:

1. A storage library, comprising:

at least one array of storage cells;

at least one guide rail running along the storage cells;

at least one robot coupled to the guide rail, wherein the robot moves along the guide rail and can manipulate objects within the storage cells;

at least one power source that supplies power to the robot; and

at least one controller that controls the movement of the robot;

wherein the robot receives uninterrupted power and control signals from the power source and controller directly through the guide rail, exclusive of other components in the library;

wherein the guide rail may form a complex path, including a path that takes the robot out of the line of sight of the controller, while maintaining uninterrupted power and control signals to the robot.

2. The storage library according to claim 1, further comprising an enclosure.

3. The storage library according to claim 1, further comprising a plurality of enclosures containing storage cell arrays, wherein a plurality of guide rails connect

the plurality of enclosures, and wherein the robot receives uninterrupted power and control signals from the power source and controller directly through the guide rails, exclusive of other components in the library.

4. The storage library according to claim 1, wherein the storage cell array and guide rails are mounted on a wall.

5. The storage library according to claim 1, further comprising a plurality of robots.

6. The storage library according to claim 1, further comprising a plurality of guide rails.

7. A storage library, comprising:

a plurality of enclosures, wherein the enclosures contain storage cell arrays and robots coupled to guide rails, wherein the robots can manipulate objects within the storage cells, and wherein the guide rails run along the storage cell arrays and connect the enclosures;

at least one power source that supplies power to the robots; and

at least one controller that controls the movement of the robots;

wherein the robots receive uninterrupted power and control signals from the power source and controller directly through the guide rails, exclusive of other components in the library;

wherein the guide rails may form complex paths, including paths that take the robots out of the line of sight of the controller, while maintaining uninterrupted power and control signals to the robots.